

## CLAIMS

1. A composite display unit having a first display element and a second display element that is provided overlapping the first display element, wherein the first display element comprises:

a liquid crystal panel in which a liquid crystal layer is held between first and second transparent substrates; and

a reflective polarization plate that transmits light that oscillates in a specified direction and reflects light that oscillates in a direction that is intersecting with the specified direction and which is disposed on the liquid crystal panel on the side of the first transparent substrate; and

wherein the reflective polarization plate is directly joined to the liquid crystal panel via an adhesive layer with a uniform refractive index.

2. The composite display unit according to claim 1, wherein the reflective polarization plate is constituted as a dielectric multi-layered film with birefringence.

3. The composite display unit according to claim 1 or 2, wherein the second display element comprises:

a liquid crystal panel in which a liquid crystal layer is held between third and fourth transparent substrates, and

wherein the third transparent substrate of the second display element is provided on the side of the second

transparent substrate of the first display element and a polarization plate is further provided on the side of the fourth transparent substrate.

5 4. The composite display unit according to claim 3, wherein the polarization plate provided on the side of the fourth transparent substrate is a reflective polarization plate or an absorption polarization plate.

10 5. The composite display unit according to claim 1, wherein the first display element performs a dot-matrix display and the second display element performs a segment display.

6. The composite display unit according to claim 1 or 2, wherein  
15 the second display element is a display element that is formed by a liquid crystal panel in which a liquid crystal layer is held between two transparent substrates or by light-emitting diodes or cold-cathode tubes, and the first display element is constituted such that a polarization plate is further  
20 provided on the side of the second transparent substrate and the first display element is provided stacked on the display surface of the second display element.

7. An electrical device in which the composite display unit  
25 according to any of claims 1 to 6 is mounted.